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Maintenance

AIR MUNITIONS



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This instruction implements and extends the guidance of AFRPD 21-2, *Non-nuclear and Nuclear Munitions*. It implements Air Munitions operations and procedures and establishes reconciliation procedures for countermeasure defensive systems munitions. This instruction applies to all personnel at General Mitchell IAP-ARS WI.

SUMMARY OF REVISIONS

Paragraph 4.2 changed to reflect new inspection procedures. A (I) indicates a change from previous edition.

1. Responsibilities:

- 1.1. The Operations Group Commander will appoint a primary and alternate munitions custodian for handling the flare and chaff training munitions account for expenditures and reconciliation.
- 1.2. The Maintenance Squadron Commander will appoint a primary and alternate reconciliation monitor.

2. Munitions Handling:

- 2.1. Emergency procedures will be posted in a conspicuous location in all munitions handling areas.
- 2.2. Only qualified personnel trained IAW the weapons training program will handle any air munitions. Technical data, operational instructions, specific task checklist and regulations governing air munitions will be strictly adhered to.
- 2.3. Munitions operations will be handled in bldg. 317 (flare storage) and bldg. 318 (maintenance and inspection), operational limits will not exceed the limits contained in the specific task checklist.

Munitions unloaded from aircraft will be immediately returned to buildings 317 and 318 for proper disposition.

2.4. Only the Quantity Unit Pack of munitions required to support the mission will be inside bldg 318 at anytime. Munitions will be unpacked one unit pack at a time for build-up. Packing materials will be removed from the bldg when unpacking is completed.

2.5. Aisleways and exits will be kept clear at all times during munitions operations. The supervisor may have exits open during build-up operations if desired.

2.6. Radios, cellular phones and pagers will not be allowed in bldgs 317 and 318 when munitions are present. A minimum of 25 feet distance will be maintained at all times.

2.7. The munitions section supervisor and wing safety will be notified anytime ballooned munitions containers are encountered. Ballooned containers will be opened outside using ground points, Electro Static Devices (ESD) wrist straps and wooden dowels.

2.8. Heat sealing operations will be confined to GMIAP bldg. 318 and Maintenance and Inspection facilities at Volk Fld. Maintenance Control at GMIAP and the munitions supervisor at Volk Fld will be notified prior to starting any sealing operations. A minimum of two personnel will conduct sealing operations.

2.9. Heat sealing equipment will be inspected prior to use and temperature setting will not exceed 150 degrees F. Maintenance on equipment will be done IAW the manufacturers handbook.

2.10. Containers will be preformed and allowed to cool before munitions are placed inside. Electro-explosive munitions will remain on a grounded workbench until placed in the container for final sealing. All electro-explosives will be handled with grounded equipment. Munitions will not be allowed to come in contact with sealing equipment at any time.

2.11. Under no circumstances will aerial flares be packaged with impulse carts installed, all munitions will be repackaged in their original configuration.

2.12. Heat sealing equipment will be turned off and unplugged prior to departing the area for any reason. Heat sealing operations will be preplanned to kept the duration as short as possible. Outside containers will indicate that the contents have been resealed.

3. Line Delivery :

3.1. Only authorized munitions handling equipment will be used for line delivery, if equipment is taken out of service, replacements will be IAW AFMAN 91-201, *Explosive Safety Standards*.

3.2. Flightline traffic flow requirements will be adhered to at all times.

3.3. When grounding munitions handling equipment, bond will be made at the same point as the aircraft if possible.

4. Flight Operations:

4.1. The Air Defensive System (ALE 40) will remain off and in full safe configuration until airborne. The system will be turned off and placed in full safe configuration prior to landing. Personnel will ensure Electro Magnetic Induction (EMI) filter pins are installed.

4.2. All dispensers will be inspected by munitions/ECM personnel after each flight. The inspection will be conducted immediately after engine shut down. No personnel will be allowed to work on the aircraft until it has been determined safe to do so. Abnormal conditions will be reported to wing safety and maintenance control.

4.3. Aircraft will be impounded if protruding flares are found. Explosive Ordinance Disposal (EOD) support will not be requested until confirmed by either the munitions section supervisor or wing safety. Under no circumstance will the aircraft be moved, unless approved by EOD personnel. Munitions will not be downloaded unless approved by EOD personnel.

5. Munitions Control:

5.1. The Maintenance Control Center (MOC) will assume limited Munitions Control duties during munitions operations and maintain a munitions emergency action checklist.

5.2. The MOC will insure that the location of explosive loaded aircraft are properly marked on the status board and that personnel working on the flightily are notified.

5.3. The MOC will track personnel, equipment, and all phases of munitions operations while the operations are actually being performed.

6. Reconciliation:

6.1. Reconciliation of flares will be conducted IAW AFI 36-2217, *Munitions Requirements for Aircrew Training*.

6.2. Improper accounting or reconciliation procedures will be grounds for freezing the account.

MICHAEL L. SMITH, Colonel, USAFR
Commander